

Patent Claims

1. Chair with adjustable seat depth, the seat of the
5 chair comprising a rigid supporting panel (1) and
a displaceable and deformable seat panel (2) with
a seat cushion (3), characterized in that the seat
panel (2) comprises a single-piece, longitudinally
flexible plastic panel which rests on the
10 supporting panel (1), and the seat panel (2) has,
on its top side, at least one guideway (4) in
which a guide strip (6) is mounted, the guide
strip being connected to the supporting panel (1)
by way of a guide slot (5).
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2. Chair according to Claim 1, characterized in that
the guide strip (6) has screw-connection sleeves
(8) in which the supporting panel (1) is fastened
by means of screws (7).
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3. Chair according to Claim 1, characterized in that
the seat panel (2), for the purpose of increasing
its flexibility, has transverse grooves (14) in
the region of greatest deformation and consists of
25 polypropylene with a thickness of approximately
5 mm, which is reduced to approximately 1.5 mm in
the guideways (4) and in the transverse grooves
(14), and in that the supporting panel (1) is of
frame-like design and consists of cast aluminium.
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4. Chair according to Claim 1, characterized in that
the seat cushion (3), on its underside, has at
least one longitudinal channel (19), in which the
guide strip (6) of the seat panel (2) engages, and
35 recesses (18), in which protrusions (20) of the
seat panel (2) engage.
5. Chair according to Claim 1, characterized in that
notches (23) are provided on one side of the

supporting panel (1), the nose of a spring-loaded arresting button (17) engaging in said notches.

- 5 6. Chair according to Claim 1, characterized in that
 in each case one armrest support (22) is provided
 on the two longitudinal sides of the supporting
 panel (1).
- 10 7. Chair according to Claim 1, characterized in that
 the supporting panel (1) is curved on its top side
 to produce a seat hollow in the backrest-end part
 of the seat.
- 15 8. Chair according to Claim 1, characterized in that
 a flat part with a low coefficient of friction,
 for example a plastic plate or sheet, is provided
 between the supporting panel (1) and the seat
 panel (2), at least in the region of the frame of
20 the supporting panel (1), for the purpose of
 increasing the sliding capability.